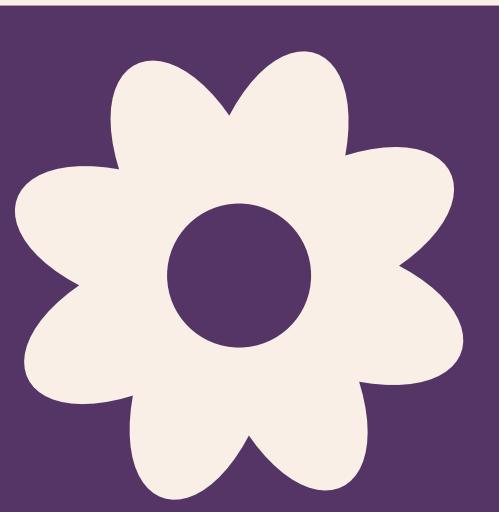
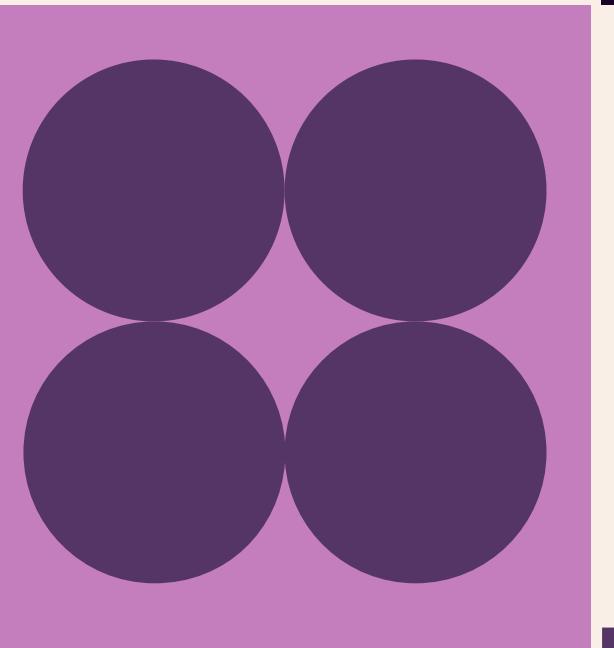


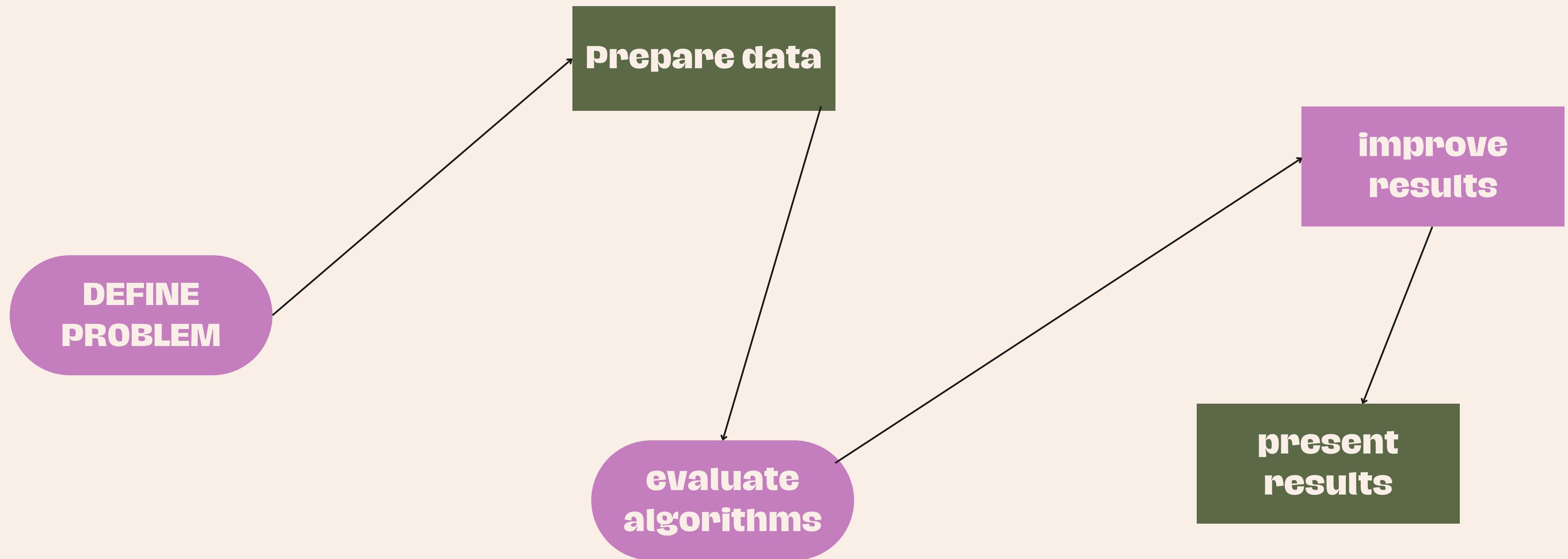


# Iris Project

Farah Alshahrani



# steps



# Define Problem



A company wants to build a system A company wants to build a system assigned to distinguish between the three types of the iris flower. In addition to determining the appropriate environmental conditions for its life cycle and nutrition



Iris Versicolor

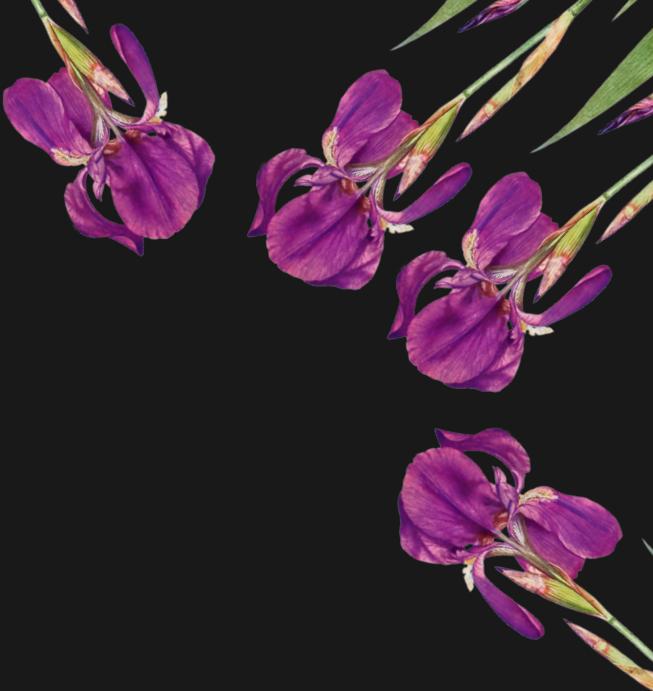
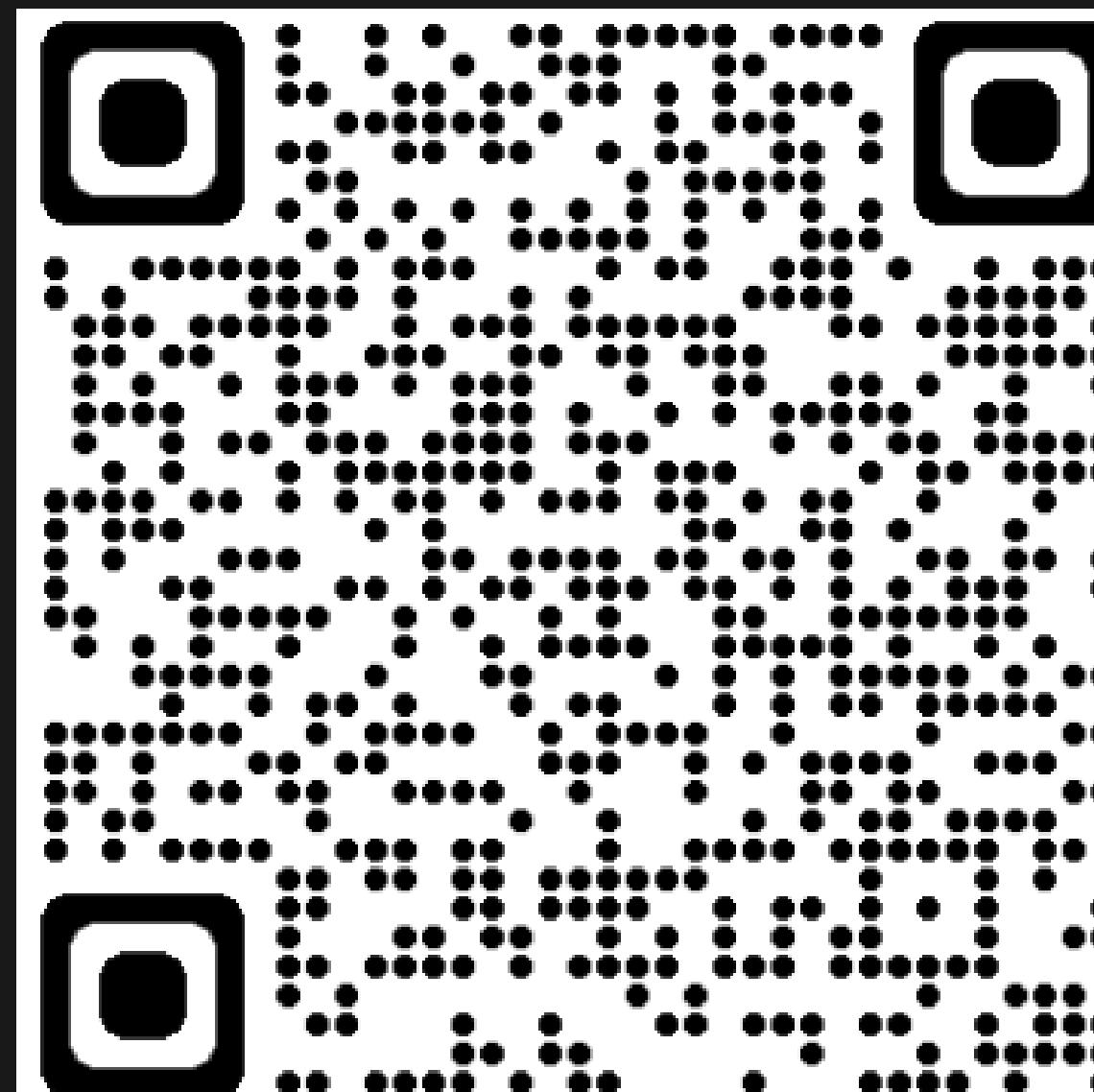


Iris Virginica



Iris Setosa

# Prepare Data

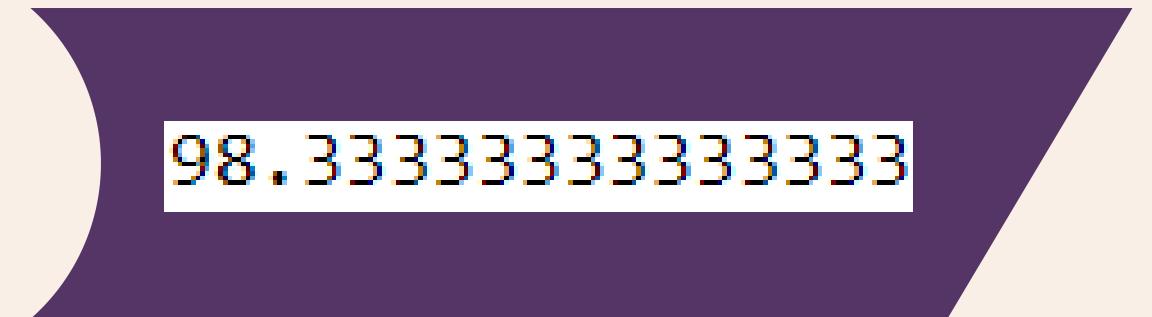




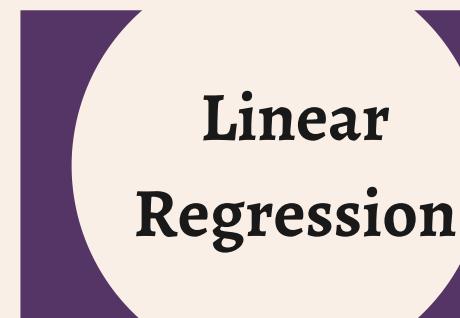
# Evaluate Algorithms



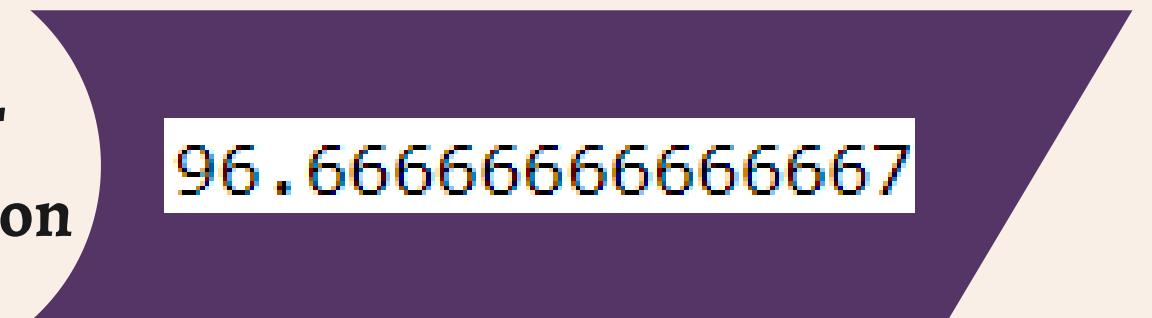
SVM



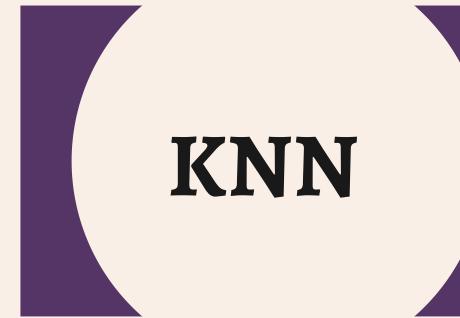
98.3333333333333



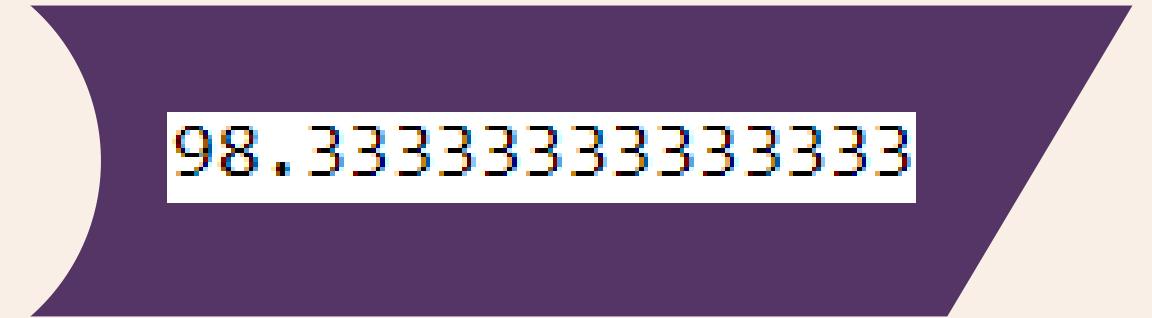
Linear  
Regression



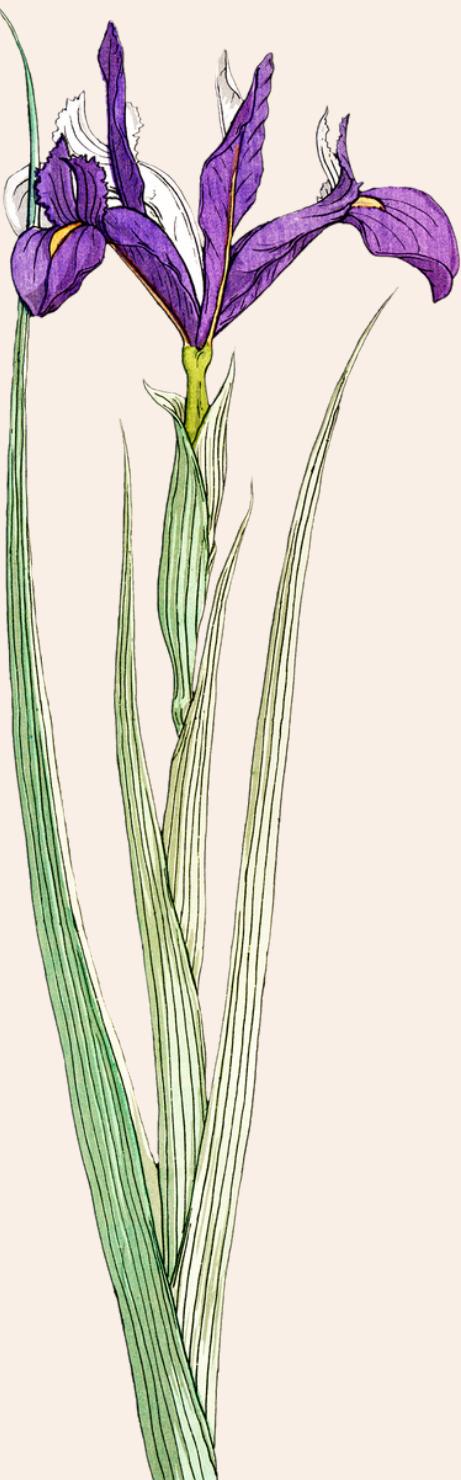
96.6666666666667



KNN



98.3333333333333



# Present Results

## Data

- Basic understanding of data
- Data cleaning and sorting



## Training the machine

- Training the model using three algorithms



## Final Result

- After training the machine using the three algorithms (SVM, linear regression, and KNN), we found that SVM and KNN have the highest accuracy percentage .

o  
Thank  
You!